

5 WHAT IS CLAIMED IS:

1. A method for producing a composition containing soluble isoflavones, comprising:

preparing a soybean extract liquid that has a pH value adjusted to 2-7 and a temperature adjusted to 0-17°C; and

10 removing insoluble materials from the soybean extract liquid.

2. The method of claim 1, wherein an amount of isoflavones is 0.2-20wt%, a crude protein content is 30wt% or less, and a lipid content is 4wt% or less in total solid content of the soybean extract liquid.

3. The method of claim 1, wherein preparing the soybean extract liquid
15 comprises a process of adjusting the pH value of the soybean extract liquid to 5.5-7 without a protease treatment.

4. The method of claim 2, wherein preparing the soybean extract liquid comprises a process of adjusting the pH value of the soybean extract liquid to 5.5-7 without a protease treatment.

20 5. The method of claim 1, wherein preparing the soybean extract liquid comprises:

a process of adjusting the pH value of the soybean extract liquid to satisfy the equation " $2 \leq \text{pH} < 5.5$ "; and

a process of treating the soybean extract liquid with a protease.

25 6. The method of claim 2, wherein preparing the soybean extract liquid comprises:

a process of adjusting the pH value of the soybean extract liquid to satisfy the equation " $2 \leq \text{pH} < 5.5$ "; and

5 a process of treating the soybean extract liquid with a protease.